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a sensor trace located on the insulating substrate adjacent the conductor; and  
an oxidizable electrical component associated with the sensor trace, wherein the sensor  
trace is configured to oxidize at a rate greater than the electrical component when the sensor trace  
and the electrical component are exposed to a same oxidizing environment.

(2) Please amend Claim 16 as follows:

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16. (Amended) A method of manufacturing an oxidation sensor for an electrical circuit,  
comprising:

forming a conductor on insulating substrate; and

forming a sensor trace located on the insulating substrate adjacent the conductor; and

associating an oxidizable electrical component with the sensor trace, wherein the sensor  
trace is configured to oxidize at a rate greater than the electrical component when the sensor trace  
and the electrical component are exposed to a same oxidizing environment.

(3) Please amend Claim 29 as follows:

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3129 (Amended) A micro-electromechanical device, comprising:

an actuator;

an actuation mechanism;

an oxidizable electrical component; and

an oxidation sensor, comprising:

a conductor located on an insulating substrate; and

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a sensor trace located on the insulating substrate adjacent the conductor and configured to oxidize at a rate greater than the electrical component trace when the sensor trace and the electrical component are exposed to a same oxidizing environment.

### REMARKS/ARGUMENTS

The Applicants have carefully considered this application in connection with the Examiner's Action and respectfully request reconsideration of this application in view of the following remarks.

The Applicants originally submitted Claims 1-43 in the application. The Applicants presently amend Claims 1, 16 and 29 and do not cancel or add any claims. Accordingly, Claims 1-43 are currently pending in the application.

#### **I. Rejection of Claims 1-43 under 35 U.S.C. §112**

The Examiner has rejected Claims 1-43 under 35 U.S.C. §112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which the Applicants regard as the invention. Claims 1, 16 and 29 recite "a sensor trace ... configured to oxidize at a rate greater than an oxidizable electrical component associated with the sensor trace when the sensor trace and the electrical component are exposed to a same oxidizing environment." The Examiner asserts that the electrical component is not positively recited as an element of the device and, therefore, it is not clear what structural configuration allows the sensor trace to oxidize at a rate greater than the electrical component. While the Applicants do not necessarily agree,